

Purchasing Receipts

PO No	Supplier Item No	Line Rel Item No	Purchased Item	Description Part No	For Project No	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Past Due	Total	Supplier Name
PO039751	MCM001-VU	1	1 2% 10 Net 30	90985A113	Knob Grip			2	5/3/2018	2	S068042	Stock	5/3/2018	\$ 20.45 / Ea	0	\$40.90	McMaster-Carr Supply Co.,
		2		93190A373	Hex Bolt 316 Stainless Steel Hex Head Screw 1/pack		10	10		S068043	Stock	5/3/2018	\$ 3.84 / Ea	0	\$38.40	McMaster-Carr Supply Co.,	
		3		9574K68	Shim receive sf		1	1		S068044	Stock	5/3/2018	\$ 37.09 / sf	0	\$37.09	McMaster-Carr Supply Co.,	
		4		C10-10-2	Actuator Pin		100	100		S068045	Stock	5/3/2018	\$ 0.11 / pcs	0	\$11.45	McMaster-Carr Supply Co.,	
		5		C10-12-1	Spring Pin			100		S068046	Stock	5/3/2018	\$ 0.09 / pcs	0	\$8.69	McMaster-Carr Supply Co.,	
		6		C10-4-10	Spring Anchor Spring Pin			100		S068047	Stock	5/3/2018	\$ 0.11 / pcs	0	\$11.26	McMaster-Carr Supply Co.,	
		7		C10-4-6	Lock Spring		24	24		S068048	Stock	5/3/2018	\$ 0.86 / pcs	0	\$20.56	McMaster-Carr Supply Co.,	
		8		C10-4-7	Spring Retaining Pin		15	15		S068049	Stock	5/3/2018	\$ 1.86 / pcs	0	\$27.94	McMaster-Carr Supply Co.,	
		9		C10-7	Locating Pin			30		S068050	Stock	5/3/2018	\$ 1.60 / pcs	0	\$48.00	McMaster-Carr Supply Co.,	
		10		C2-10-1	Lock Spring Pin			100		S068051	Stock	5/3/2018	\$ 0.07 / pcs	0	\$6.67	McMaster-Carr Supply Co.,	
		11		C45-15-13	Sleeve		6	6		S068052	Stock	5/3/2018	\$ 2.68 / Ea	0	\$16.08	McMaster-Carr Supply Co.,	

PO No	Supplier Item No	Line Rel Item No	Purchased Terms	Description	For Part No	Project	Equipment ID	Order Qty	Received Quantity	Due Date	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Past Due Days	Total	Supplier Name
	12		MT-NYLON 6-R1.000-B	Nylon 6 Black Round Bar 1.000" Dia.				2	2		S068053	Stock	5/3/2018	\$ 15.43 / ft	0	\$30.86	McMaster-Carr Supply - Co.,	
	13		SWA3-700	Ball Bearing				200	200		S068054	Stock	5/3/2018	\$ 0.11 / Ea	0	\$21.12	McMaster-Carr Supply Co.,	
	14		C2-20-21	Colter Pin				100	100		S068055	Stock	5/3/2018	\$ 0.25 / Ea	0	\$24.75	McMaster-Carr Supply Co.,	
	15		C45-3-4-1	Retaining Ring							S068056	Stock	5/3/2018	\$ 0.13 / Ea	0	\$13.00	McMaster-Carr Supply Co.,	
	16		76475A92	Low-Friction Surface-Protection Tape w/Teflon PTFE, Extra-Tough, 2 ^{1/2} " Wide x 0.022 ^{1/2} " Thick x 3' Long receive ea				3	3		S068057	Stock	5/3/2018	\$ 22.60 / ft	0	\$67.81	McMaster-Carr Supply Co.,	
	17		6305A12	Teflon Sheet receive ea				15	15		S068058	Stock	5/3/2018	\$ 1.00 / ft	0	\$14.97	McMaster-Carr Supply Co.,	
	18		6534K46	Hose Fitting				8	8		S068059	Stock	5/3/2018	\$ 1.15 / Ea	0	\$9.20	McMaster-Carr Supply Co.,	
	19		8098K24	Heat Shrink Tubing				3	5		S068060	Stock	5/3/2018	\$ 3.73 / ft	0	\$18.63	McMaster-Carr Supply Co.,	
	20		90145A591	Location Pin				10	10		S068061	Stock	5/3/2018	\$ 2.07 / Ea	0	\$20.68	McMaster-Carr Supply Co.,	
Total:													929	931		\$487.96		



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039751

E-MAILED
APR 30 2018

Supplier:	MCM001-VU McMaster-Carr Supply Co, P.O. Box 7690 Chicago, IL 60680-7690 USA Phone: 330 995 5500 Fax: 330 995 9600	PO No:	PO039751
		PO Date:	5/3/18
		Due Date:	5/3/18
		Purchase Order Revision:	
		Revision Date:	
Ship To:	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	Ship-To Contact:	Lavoie, Chantal Phone: clavoie@dartaero.com
		Via:	Ground
		Pymt Terms:	2% 10 Net 30
		Freight Terms:	
		Special Comments:	

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	90985A113	1/pk	Knob Grip	Firmed	5/3/18	2 Ea	0 Ea	2 Ea	\$20.45/Ea	\$40.90
2	93190A373	1/pk	Hex Bolt 316 Stainless Steel Hex Head Screw 1/pack	Firmed	5/3/18	10 Ea	0 Ea	10 Ea	\$3.84/Ea	\$38.40
3	9574K68		Shim receive sf	Firmed	5/3/18	1 sf	0 sf	1 sf	\$37.09/sf	\$37.09
4	C10-10-2	98296A930 100/PK	Actuator Pin	Firmed	5/3/18	100 pcs	0 pcs	100 pcs	\$0.1145/pcs	\$11.45
5	C10-12-1	92383A695 100/PK	Spring Pin	Firmed	5/3/18	100 pcs	0 pcs	100 pcs	\$0.0869/pcs	\$8.69
6	C10-4-10	90692A729 100/PK	Spring Anchor Spring Pin	Firmed	5/3/18	100 pcs	0 pcs	100 pcs	\$0.1126/pcs	\$11.26
7	C10-4-6	9654K115 12/PK	Lock Spring	Firmed	5/3/18	24 pcs	0 pcs	24 pcs	\$0.856666/pcs	\$20.56
8	C10-4-7	98381A511 5/PK	Spring Retaining Pin	Firmed	5/3/18	15 pcs	0 pcs	15 pcs	\$1.856/pcs	\$27.84
9	C10-7	98381A554 5/PK	Locating Pin	Firmed	5/3/18	30 pcs	0 pcs	30 pcs	\$1.60/pcs	\$48.00
10	C2-10-1	92373A182 100/PK	Lock Spring Pin	Firmed	5/3/18	100 pcs	0 pcs	100 pcs	\$0.0667/pcs	\$6.67
11	C45-15-13	6381K171 1/pk	Sleeve	Firmed	5/3/18	6 Ea	0 Ea	6 Ea	\$2.68/Ea	\$16.08
12	MT-NYLON 6-R1.000-B	2889K21 2 ft lenght	Nylon 6 Black Round Bar 1.000" Dia.	Firmed	5/3/18	2 ft	0 ft	2 ft	\$15.43/ft	\$30.86
13	SWA3-700	9529K15 100/per pk	Ball Bearing	Firmed	5/3/18	200 Ea	0 Ea	200 Ea	\$0.1056/Ea	\$21.12
14	C2-20-21	98338A150 100/PK	Cotter Pin	Firmed	5/3/18	100 Ea	0 Ea	100 Ea	\$0.2475/Ea	\$24.75
15	C45-3-4-1	98410A110 100/pk	Retaining Ring	Firmed	5/3/18	100 Ea	0 Ea	100 Ea	\$0.13/Ea	\$13.00

Plex 4/30/18 2:40 PM dart.lavoie.chanta

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
16	76475A92		Low-Friction Surface-Protection Tape w/Teflon PTFE, Extra-Tough, 2" Wide x 0.022" Thick x 3' Long receive ea	Firmed	5/3/18	3 ft	0 ft	3 ft	\$22.60333/ft	\$67.81
17	6305A12	15 FT PER ROLL	Teflon Sheet receive ea	Firmed	5/3/18	15 ft	0 ft	15 ft	\$0.998/ft	\$14.97
18	6534K46		Hose Fitting	Firmed	5/3/18	8 Ea	0 Ea	8 Ea	\$1.15/Ea	\$9.20
19	8098K24	5/pk @ 1/2" pcs	Heat Shrink Tubing	Firmed	5/3/18	15 ft	5 ft	8 ft	\$3.72666/ft	\$11.18
Line Item Note 1 pk of 5 pcs = to 3 ft										
20	90145A591	5/pk	Location Pin	Firmed	5/3/18	10 Ea	10 Ea	0 Ea	\$2.068/Ea	\$20.68
										Grand Total: \$480.51

Order Notes

reid A11805103



Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 4/30/18 2:40 PM dart.lavoie.chantal



Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Chantal Lavoie

Purchase Order
PO039751
Order Placed By
Chantal Lavoie
McMaster-Carr Number
2892103-02

Page 1 of 2
04/30/2018

Line	Product	Ordered	Shipped
1	90985A113 Knob-Grip Push-Button Quick-Release Pin, 1/4" Diameter, 1-1/2" Usable Length	2 Each	2
2	93190A373 Super-Corrosion-Resistant 316 Stainless Steel Hex Head Screw, 3/8"-24 Thread Size, 3" Long, Fully Threaded, Packs of 1	10 Packs	10
3	9574K68 Aluminum Peel-Away Shim Stock, 12" Wide x 12" Long x 0.063" Thick, 21 Layers	1 Each	1
4	98296A930 Steel Slotted Spring Pins, 1/4" Diameter, 1-1/2" Long, Packs of 100	1 Pack	1
5	92383A695 400 Series Stainless Steel Slotted Spring Pin, 1/8" Diameter, 5/8" Long, Packs of 100	1 Pack	1
6	90692A729 Zinc-Plated Steel Slotted Spring Pins, 3/16" Diameter, 1-3/4" Long, Packs of 100	1 Pack	1
7	9654K115 Steel Extension Spring, Loop Ends, Zinc-Plated, Spring-Tempered, 2.5" Long, 0.25" OD, Packs of 12	2 Packs	2
8	98381A511 Dowel Pin, Alloy Steel, 3/16" Diameter, 1-1/8" Long, Packs of 5	3 Packs	3
9	98381A554 Dowel Pin, Alloy Steel, 1/4" Diameter, 3" Long, Packs of 5	6 Packs	6
10	92373A182 18-8 Stainless Steel Slotted Spring Pin, 1/8" Diameter, 7/8" Long, Packs of 100	1 Pack	1
11	6381K171 Multipurpose SAE 660 Leaded Bronze Sleeve Bearing for 3/4" Shaft Diameter and 7/8" Housing ID, 1" Long	6 Each	6
12	2889K212 MDS-Filled Cast Nylon Rod, 1" Diameter, 2 Feet Long	1 Each	1
13	9529K15 Hardened 440C Stainless Steel Ball, 1/4" Diameter, Packs of 100	2 Packs	2
14	98338A150 Zinc-Plated Steel Cotter Pins, 3/32" Diameter, 1-1/2" Long, Packs of 100	1 Pack	1
16	76475A92 Low-Friction Surface-Protection Tape with Teflon PTFE, Extra-Tough, 2" Wide x 0.022" Thick x 3' Long	1 Each	1
17	6305A12 Surface-Protection Tape Made with Teflon PTFE, Ultra-Low-Friction, 1" Wide x 5 Yards Long	1 Each	1
18	6534K46 Industrial-Shape Hose Coupling, Size 1/4, Zinc-Plated Steel Plug, 1/4 NPTF Male End	8 Each	8
19	8098K24 Food-Grade Heat-Shrink Tubing, 0.38" ID Before Shrinking, 1/2 Feet Long, Black, Packs of 5, Our 2 Packs = 5 Feet	2 Packs	2
20	90145A591 18-8 Stainless Steel Dowel Pin, 5/16" Diameter, 2" Long, Packs of 5	2 Packs	2

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Chantal Lavoie

Purchase Order
PO039751
Order Placed By
Chantal Lavoie
McMaster-Carr Number
2892103-02

Page 2 of 2
04/30/2018

Shipped separately from our Chicago warehouse on 04/30

15 **98410A110** External Retaining Ring, Beryllium Copper, for 3/16" OD

1
Pack

200 Aurora Industrial Pkwy
 Aurora OH 44202-8087
 330-995-5500
 cle.sales@mcmaster.com

Dart Aerospace Ltd
 1270 Aberdeen St
 Hawkesbury ON K6A 1K7
 Canada
 Attention: Chantal Lavoie

Purchase Order
PO039751

Order Placed By
Chantal Lavoie

McMaster-Carr Number
2892103-01

Page 1 of 2
 04/30/2018

Line	Product	Ordered	Shipped
15	98410A110 External Retaining Ring, Beryllium Copper, for 3/16" OD, Packs of 100	1 Pack	1

Shipped separately from our Cleveland warehouse on 04/30

1	90985A113 Knob-Grip Push-Button Quick-Release Pin, 1/4" Diameter, 1-1/2" Usable Length	2 Each	2
2	93190A373 Super-Corrosion-Resistant 316 Stainless Steel Hex Head Screw, 3/8"-24 Thread Size, 3" Long, Fully Threaded	10 Packs	10
3	9574K68 Aluminum Peel-Away Shim Stock, 12" Wide x 12" Long x 0.063" Thick, 21 Layers	1 Each	1
4	98296A930 Steel Slotted Spring Pins, 1/4" Diameter, 1-1/2" Long	1 Pack	1
5	92383A695 400 Series Stainless Steel Slotted Spring Pin, 1/8" Diameter, 5/8" Long	1 Pack	1
6	90692A729 Zinc-Plated Steel Slotted Spring Pins, 3/16" Diameter, 1-3/4" Long	1 Pack	1
7	9654K115 Steel Extension Spring, Loop Ends, Zinc-Plated, Spring-Tempered, 2.5" Long, 0.25" OD	2 Packs	2
8	98381A511 Dowel Pin, Alloy Steel, 3/16" Diameter, 1-1/8" Long	3 Packs	3
9	98381A554 Dowel Pin, Alloy Steel, 1/4" Diameter, 3" Long	6 Packs	6
10	92373A182 18-8 Stainless Steel Slotted Spring Pin, 1/8" Diameter, 7/8" Long	1 Pack	1
11	6381K171 Multipurpose SAE 660 Leaded Bronze Sleeve Bearing for 3/4" Shaft Diameter and 7/8" Housing ID, 1" Long	6 Each	6
12	2889K212 MDS-Filled Cast Nylon Rod, 1" Diameter, 2 Feet Long	1 Each	1

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Chantal Lavoie

Purchase Order
PO039751

Page 2 of 2
04/30/2018

Order Placed By
Chantal Lavoie

McMaster-Carr Number
2892103-01

Line	Description	Ordered	Shipped
13	9529K15 Hardened 440C Stainless Steel Ball, 1/4" Diameter	2 Packs	2
14	98338A150 Zinc-Plated Steel Cotter Pins, 3/32" Diameter, 1-1/2" Long	1 Pack	1
16	76475A92 Low-Friction Surface-Protection Tape with Teflon PTFE, Extra-Tough, 2" Wide x 0.022" Thick x 3' Long	1 Each	1
17	6305A12 Surface-Protection Tape Made with Teflon PTFE, Ultra-Low-Friction, 1" Wide x 5 Yards Long	1 Each	1
18	6534K46 Industrial-Shape Hose Coupling, Size 1/4, Zinc-Plated Steel Plug, 1/4 NPTF Male End	8 Each	8
19	8098K24 Food-Grade Heat-Shrink Tubing, 0.38" ID Before Shrinking, 1/2 Feet Long, Black	2 Packs	2
20	90145A591 18-8 Stainless Steel Dowel Pin, 5/16" Diameter, 2" Long	2 Packs	2

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-Nylon6-R1.000
 DATE: MAY 03 2018

PO / BATCH NO: 039751/8068053

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 2'
 QUANTITY INSPECTED: 2'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000
 THICKNESS RECEIVED: 1.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	Astan 05989
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	Heat# P07C039751 Part# 2889K212 Same as 2889K21
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u> <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>MAY 03 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

REV.	DESCRIPTION	DATE	APPROVED
A	NEW ISSUE	17.08.23	WM

PURCHASE MATERIAL : NYLON 6 ROUND BAR
 SPECIFICATION: ASTM D5985
 PART NUMBER: MT-NYLON 6-R(D.DDD)-C
 WHERE "D, DDD" = DIAMETER IN INCHES
 WHERE C = COLOR [W= WHITE] / [B= BLACK]
 EG. 5/8" ROUND BAR = MT-NYLON 6-R0.625-W

TITLE		NYLON 6 ROUND BAR	
DWB NO.		MT-NYLON 6-R	
		REV	A
DESIGN BY:	VM 8/16/2017	FRACTIONS & 1/16 SURFACES & 1/16	
DRAWN BY:	VM 08/31/2017	$\frac{1}{16}$, $\frac{1}{32}$, $\frac{1}{64}$	
CHECKED:	SAC 08/31/2017	1. DIME. DIMS ARE IN INCHES 2. UNLESS OTHERWISE SPECIFIED 3. ALLOW +/- 5% AND TOL. PER	
MFNC. APPROV:	DP 08/05/2017	AARNE YIL SHAKROV	
QA APPROVED:	PD 08/01/2017	3. DIMENSIONAL LIMITS APPLY	
DATE:	VM 08/12/2017	SCALE: 1/4"	WEIGHT: N/A
		SHEET 1 OF 1	
DART AEROSPACE LTD <small>1500 EAST 10TH STREET, SUITE 100, BIRMINGHAM, AL 35203-3115</small> <small>PH: 205.991.1000 FAX: 205.991.1001 E-MAIL: DART@DARTAEROSPACE.COM</small>			

FROM GARTH ALBRECHT BACK TO YOU

- Impact Strength: 0.7 ft-lbs/in. (Poor)
- For Use Outdoors: Yes
- Specifications Met: ASTM D5989

The addition of MDS gives these cast nylon 6 rods a self-lubricating surface that's more slippery and wear resistant than standard cast nylon. Use them to fabricate pulleys, screws, bushing bearings. They're lightweight, stiff, and easier to machine than other types of nylon. They are also an excellent insulator.

Dia	Tolerance Rating	Lengths, ft.	Per Ft
1"	Oversized	1, 2	2889K21 \$15.43
Product Detail			
MDS-Filled Cast Nylon Rod, 1" Diameter			
Length, ft.			
1			
2			
<input type="checkbox"/> Each			
ADD TO ORDER			
1 1/2"	Oversized	1, 2	2889K31 17.90
2"	Oversized	1, 2	2889K116 27.50
2 1/2"	Oversized	1, 2	2889K126 40.80
3"	Oversized	1, 2	2889K136 54.93
3 1/2"	Oversized	1, 2	2889K146 71.23
4"	Oversized	1, 2	2889K156 82.20
4 1/2"	Oversized	1	2889K161 95.09
5"	Oversized	1	2889K171 116.23

3716

MDS-Filled Cast Nylon Sheets and Bars Sheets

